

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-019804**Date Inspected:** 25-Oct-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 1900**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 700**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** See below**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Kelly Leavitt, was present during the times noted above for observations relative to the work being performed.

This QA Inspector observed the following work in progress:

Trial Assembly

This QA Inspector observed the following work in progress for Trial Assembly.

ZPMC was using the Flux Cored Arc Welding (FCAW) process.

ZPMC QC is identified as Wang Cho.

Welding variables recorded by QC appeared to comply with the approved Welding Procedure Specification (WPS).

Listed below are the locations that were identified by this QA inspector.

Component; 11BW-11CW

PCMK: SP783A-001-001~012

Welder: 040736

WPS-B-P-2213-B-U2-FCM-1

Bay 11

This QA Inspector observed the following work in progress for Bay 11.

ZPMC was using the Flux Cored Arc Welding (FCAW) process.

ZPMC QC is identified as Yu Dong Ping.

WELDING INSPECTION REPORT

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Welding variables recorded by QC appeared to comply with the approved Welding Procedure Specification (WPS).
Listed below are the locations that were identified by this QA inspector.

Component; Bike Path

PCMK: BK004A2

Plug welds; 014, 015, 017, 018

Welder: 202340

WPS13-7-2132-2-plug

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No significant conversations

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Leavitt,Kelly
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Quality Assurance Inspector

Reviewed By:	Riley,Ken
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QA Reviewer
